

Minutes
Task Force on Transportation Asset Management
ABC40T (formerly A1T50)
Monday January 12, 1:30 pm to 5:30pm
Washington Hilton - Georgetown West

- 1) Attendance (see attached)
- 2) Agenda (see attached)
- 3) Review Status, Leadership and Membership – Tim Lomax
 - Tim thanked the task force members for making his job easy and introduced Sue McNeil as the new chair
 - Sue thanked Tim for all his work, announced that the task force is now a committee, and presented Tim with a certificate of appreciation on behalf of the committee
 - Sue gave out her email address and encouraged attendees to contact her – mneil@uic.edu
- 4) Asset Management Related Activities
 - a. Government Performance Project – presentation by Susan Tompkins, Center for the States; presentation attached
 - The Government Performance Project is measuring management capacity of governments. The results have been published in *Governing* magazine. The next set of grades for states will appear in the February, 2005 issue of *Governing*. This is a collaborative effort between journalists at the magazine and a group of academics to evaluate four areas – money, people, infrastructure, and information. The infrastructure expert is Mike Pagano at the University of Illinois at Chicago; please contact him at 312-355-4681 or MAPagano@UIC.edu with feedback.
 - b. Geotechnical Management Systems – presentation by Thomas Lefchik, Federal Highway Administration; presentation attached
 - Tom Lefchik described a joint effort by the Ohio DOT and FHWA in the area of geotechnical management systems. Currently, no state has an operational management system for geotechnical features. The Ohio DOT is in the process of developing a geotechnical management system. The first project objective is to synthesize information from State DOTs and other agencies, and there is strong interest by states in system development. Results are expected in March 2004 and a workshop is planned for June 2004. They also plan to form a technical working group to develop a national framework to standardize definitions and protocols.
 - Tom encourage attendees to contact FHWA with information or if you are interested in participating (thomas.lefchik@fhwa.dot.gov)
 - Mike Long, Oregon DOT shared that Oregon is combining its Rockfall and Landslide System with other depreciable assets – e.g. culverts, retaining walls, etc.
 - c. 6th International Conference on Managing Pavements – to be held in Brisbane, Australia, October 19-24, 2004, announcement by Neil Robertson

- Neil Robertson announced that the overall theme for the conference is “The Lessons, The Challenges, The Way Ahead.” There are 6 sub-themes within the conference, including “Integrating Pavement Management with Road Asset Management.”
- Neil also described “The Challenge,” in which participants are given a network and goals and are challenged to use real systems to develop an approach to the problem.
- The conference website is <http://www.icmp6.com>.

5) Update on Committee Activities

- a. Sessions and papers at the Annual Meeting – Tim Lomax
 - Tim reviewed the sessions at this conference (listed at end of this document). 10 papers were submitted; some are being re-reviewed for publication. The number of papers submitted each year is increasing, and most of the task force’s sessions are co-sponsored.
 - Tim also announced that the performance measurement committee has a web site.
 - Tim will coordinate paper reviews again next year.
- b. 5th National Conferences on Asset Management – Ernie Wittwer
 - The conferences attracted almost 300 attendees. The goal was for practitioners to talk to practitioners – lots of local and state information was shared.
 - Ernie thanked the planning committee for all its hard work.
- c. Where to next? – Ernie Wittwer
 - Ernie distributed a set of notes from an ad-hoc committee meeting that was held at the 5th National Conference in Atlanta and summarized the notes from a follow-up conference call; these notes are attached.
- d. Transportation Asset Management Today website – Omar Smadi
 - Omar urged the group to participate in the community of practice, which now features 14 topic areas. He announced that the AASHTO booth had brochures.
<http://assetmanagement.transportation.org>

6) TRB Staff Report – Claire Felbinger

- Claire announced that the Task Force will receive full committee status starting April 15 when the rotation of chairs occurs – it will become ABC40, Committee on Asset Management. Claire distribute a new organizational chart; the committee is in the Policy and Organization Group and the Management and Leadership Section.
- There were more than 1300 events including 500 technical sessions at this year’s Annual Meeting. Claire pointed out that poster sessions are now called “Meet the Author” sessions, and that they are for peer-reviewed papers.
- Sue asked Claire about expectations for a strategic plan for the committee. Claire responded that it will essentially include additional reporting on the task force’s accomplishments and that what Tim out together as the application for committee status is almost enough. Claire will get back to Sue with a deadline; the Group Council had not yet met and was likely to change the old procedure.
- Sue suggested that a summer meeting be held for the purpose of developing the strategic plan.
- The summer TRB mid-year meeting will be held from July 25-27 in Park City, Utah; we could join this meeting.

- 7) Revisit Ernie and where are we going – Ernie asked for input as to whether there was anything missing in the notes from the conference call.
 - Someone asked whether the FAA should be included as a stakeholder; Ernie responded that the group had not yet focused on airports and probably wouldn't in the near future.
 - Katie asked whether identifying and prioritizing research needs should be on the list of activities; Sue responded that the notes *assumed* the committee would do normal TRB activities, and the specific activities listed in the notes are in addition to the expected TRB activities (e.g. organizing annual meeting sessions and workshops, developing research needs, etc.).

- 8) Opportunities to Participate – Ernie reviewed these
 - Should we have a summer meeting? Possibilities are to meet in Brisbane during the 6th International Conference on Managing Pavements and to join the TRB summer meeting; David Geiger suggested inviting participants from AASHTO as they reorganize their task force
 - Tom Maze suggested organizing with AASHTO and holding meetings together to work on joint initiatives and the strategic plan. (Spring meeting is in St George Utah, May 13-18)
 - The committee decided to find out what AASHTO is doing first, then schedule a mid-year meeting.
 - Other activities:
 - a. Planning the 2005 asset management sessions for the annual TRB meeting.
 - The committee is allowed to sponsor 2 full sessions (shared sessions count as fractions); poster sessions are free.
 - Jack Stipple organized the data workshop this year – 45 people attended.
 - Omar suggested that the committee focus and do calls for papers next year, rather than simply organizing around what is submitted ad-hoc.
 - The committee will try to co-sponsor activities – it makes sense practically and philosophically
 - Potential annual meeting activities for 2005 include:
 - Transportation economics wants to do a workshop on the difference between discounting and inflation.
 - Education as potential session or workshop.
 - Andy Lemer – how do stakeholders perceive value?
 - Training/technology transfer
 - The Local Pavement Management Sub-committee is interested in sponsoring an LTAP session
 - Andy Bailey –linkage between asset management and public policy? Tim thinks the strategic management committee would be interested as well.
 - Jack's committee (Statewide Transportation Data and Information Systems (A1D09) Committee) is looking at a day-long workshop and poster session on data integration.
 - Ernie Wittwer – other committees deal with tools; what's missing is how to put the pieces together, and that should be the role of this committee

- Tom Maze – do a session next year on the big picture perspective – how are the states doing? Alberta is using asset management – a potential speaker had a poster in a session on Tuesday afternoon
- Commitments to work on activities are:
 - Economics in asset management – Mike Markow, Pannapa Herabat, Eric Gabler, Rob Hanson
 - Education – Kristen Sanford Bernhardt, Adjo Amekudzi, Tom Maze
 - Training/technology transfer – Ernie Wittwer, Omar Smadi, Doyt Bolling, Paul Sachs
 - Public policy and asset management - Andy Bailey, Stuart Hudson, Mike Markow, Adjo Amekudzi, Francine Shaw-Whitson, P.S. Sriraj, John Harding
 - Data integration – Roemer Alfelo, Tim Lomax, Tamer El-Diraby
- b. Planning the 6th national conference on asset management to be held in 2005 – Katie Zimmerman (to convene the group to make a recommendation to the summer meeting), Paul Sachs, James Bryant, Francine Shaw-Whitson; there have been requests to make the conference more inclusive
- c. Conducting outreach including the promotion of the website and other activities.
- d. Planning a summer 2004 meeting. – Sue McNeil, Doyt Bolling, Ernie Wittwer
- e. Coordinating with LTAP – Doyt Bolling, Terry McNinch

9) Liaisons

- Pavement Management (A2B01) – Katie Zimmerman
- Data – Omar Smadi and Jack Stickel
- Transit Fleet Maintenance – Tom Maze
- Maintenance and Operations – Doyt Bolling
- Performance Measurement – Tim Lomax
- Federal Highway Administration – Francine Shaw-Whitson
- Information Systems – Frances Harrison
- Strategic Management – Jonathan Gifford
- ASCE IMC – Adjo Amekudzi and Kristen Sanford Bernhardt
- We still need AASHTO links

10) Significant Asset Management Activities – short updates from attendees

- Dave Geiger in Office of Asset Management
 - Stephen Gaj replaces Frank Botelho; Francine Shaw-Whitson replaces Regina McElroy for economics.
 - The NHI Asset Management course is now available – it is intended for state CEOs; 1-day course.
 - FHWA is pleased with the National Conferences on Asset Management – particularly impressed with progress at local level.
 - FHWA mailed a package to Division Administrators that they could take to state and local CEOs.
 - Tom Van is working on a workshop for university faculty
 - The economic analysis primer has been completed.
 - FHWA is still waiting for reauthorization of funding – this puts research on hold.

- Mike Markow – *TR News* has an article on Asset Management; the first NHI course will be held in Utah; NCHRP projects underway – 20-60, Performance Measures as they relate to Asset Management – developing set of procedures; 20-57, Developing Tools for trade-off analysis (one long-range, strategic, other project level) – NYSDOT and Montana Dept. of Transportation are guinea pigs – October release date for tools and documentation
- Gary McVoy from New York – Director of Maintenance for New York DOT; developing system to keep track of all work on system as they go – need maintenance work management system; has a presentation that is attached
- John Harding – Office of Operations, FHWA – task is to develop an operations asset management program – one project on signal systems; would like to be on summer meeting agenda
- Katie Zimmerman – working on development of an NHI course on including maintenance into pavement management
- Dan Dornan – International Infrastructure Management Manual developed in 1994; revised in 1996 and update in 2000 and 2002; will be doing poster session tomorrow. There was an NCHRP study that looked at incorporating security into transportation planning process – linkages don't exist – are there opportunities to explore?
- Ernie Wittwer – An industrial engineering faculty member at the University of Wisconsin is researching this – holding a workshop at Wisconsin
- Ernie Wittwer – authoring proceedings from asset management conferences (summary of practices); Midwest Regional University Transportation Center projects – how to better incorporate asset management into a strategic planning process, structural barriers in the way government does business to doing preventive capital maintenance; will be hosting peer exchange with WisDOT in March on how to evaluate maintenance management, workshop on how do you deal with issues of visibility (operations perspective); developing certificate program in asset management – 14 students in variety of graduate programs participating
- Doyt Bolling – working with Idaho LTAP to implement a similar program to what they have in Utah (Similarly Terry McNinch is working with Wyoming)
- Kenneth Petty – linking asset management with the Office of Planning (FHWA)
- Omar Smadi – teaching a graduate level asset management class, project on infrastructure in Ames; working to develop bridge management system; working with Iowa DOT to implement HERS-ST; working to develop and implement pavement marking management system
- Paul Sachs – teaches continuing education class on asset management; working with 6 local agencies on tradeoffs, different asset valuations, etc.
- Stuart Hudson – working with KY, NCDOT to implement components of asset management
- Pannapa Herabat – Asset Valuation for Toll Bridges – paper with Adjo Amekudzi to be presented Thursday morning
- Adjo Amekudzi – looking at how to incorporate sustainability metrics in asset management; and using portfolio theory to assess security
- Jim Hall – I-DOT using data integration for asset management, bike trails

- Jeromie Winsor – working on AASHTO asset management web site; trying to get in-depth state and local experiences on the site
- Stephen Burham is with the FHWA Office of Policy Planning – working on the “Conditions and performance Report” both data and data sources. Also working with Tim Lomax on congestion. Trying to develop a database of Cost/ mile of roadways – any ideas welcome
- Roy Juergens with Alberta DOT – working on integrated infrastructure management system – pavement, bridge, appertenance components. This is a challenging topic. Has a poster in the session on performance measures at the network level – e.g. IRI for pavements, utilization – capacity, functional adequacy.
- Jack Stickel with Alaska DOT – working on data collection, linear referencing. Also has a poster session tomorrow
- Toby Crow – Rodeware - Collect various types of data for am for states. Interested in participating in the data workshop.
- David Winter – FHWA – working on HERS-ST – onsite support, briefings, implementation support. Getting ready to release Version 3.3. There will also be a national conference this summer and users group meeting in fall. They are also developing and a relational database for HERS ST.
- Eric Gabler – FHWA recently produced the Economic Analysis Primer. They are also offering a workshop to state to federal employees that is coordinated through division offices. Can be ½ day or whole day. Also attempting to consolidate data and resources.
- Claire Felbinger – working on a program evaluation book.
- Elliot Shepherd – working on software development.
- Margo Yapp – working with local agencies to look at hardware as an extension of pavement management.

11) Other Business
Adjourn

Summary 2004 TRB Sessions involving the task force

Workshop 150, Sunday, January 11, 2004, 2:00 PM - 5:30 PM, Hilton – State, Data Integration for Asset Management

Session 369, Monday, January 12, 2004, 7:30 PM - 9:30 PM, Hilton – International East, Asset Management: Moving from Theory to Practice--Lessons from Fifth National Asset Management Conference

Session 432, Tuesday, January 13, 2004, 8:00 AM - 9:45 AM, Hilton – Georgetown East, Asset Management: Applying What We Know

Poster Session 514, Tuesday, January 13, 2004, 2:30 PM - 5:00 PM, Hilton – Exhibit Hall, How Do You Decide? Who Do You Communicate With? Performance Measures and Data Needs for Better Decisions and Improved Communication